

## DECLARATION AND POWERS OF ATTORNEY

As a below named inventor, I hereby declare that my residence, post office address and citizenship is as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled a "METHOD AND APPARATUS FOR INVERSION PROCESSING OF WELL LOGGING DATA IN A SELECTED PATTERN SPACE," the specification of which is attached hereto.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR 1.56(a). I hereby claim foreign priority benefits under 35 USC 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate by me or my representatives or assigns for this invention having a filing date before that of the application on which priority is claimed:

Application No. \_\_\_\_\_ in \_\_\_\_\_ on \_\_\_\_\_ priority claimed ( ) Yes ( ) No  
Application No. \_\_\_\_\_ in \_\_\_\_\_ on \_\_\_\_\_ priority claimed ( ) Yes ( ) No  
Application No. \_\_\_\_\_ in \_\_\_\_\_ on \_\_\_\_\_ priority claimed ( ) Yes ( ) No

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. I hereby appoint, individually and collectively, the following as my/our attorney or agent with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith:

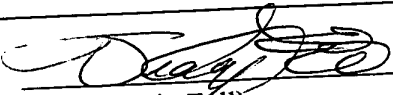
William E. Shull, Reg. No. 29,438; Michael D. McCully, Reg. No. 29,566; Mark Andrew Smith, Reg. No. 30,220; Paul I. Herman, Reg. No. 37,349; William M. Imwalle, Reg. No. 35,904; William R. Peoples Reg. No. 25,906; Robert A. Kent, Reg. No. 28,626; Craig W. Roddy, Reg. No. 36,256; John W. Wustenberg, Reg. No. 35,415; Scott F. Wendorf, Reg. No. 48,029; Clive Menezes, Reg. No. 45,493; and Bert Jennings, Reg. No. 44,171 of HALLIBURTON ENERGY SERVICES, INC., P. O. Box 819052, Dallas, Texas 75381-9052; and Michael W. Piper, 39,800; Rodney B. Carroll, Reg. No. 39,624; Kristin Jordan Harkins, 37,859; Albert C. Metrailler, 27,145; Michael S. Bush, Reg. No. 31,745; Shannon W. Bates, 47,412; and J. Robert Brown, Jr., Reg. No. 45,438 of Conley Rose, P.C., Granite Park Two, 5700 Granite Parkway, Suite 330, Plano, Texas 75024.

PLEASE ADDRESS ALL  
COMMUNICATIONS TO:

Michael S. Bush  
Conley Rose, P.C.  
5700 Granite Parkway, Suite 330  
Plano, Texas 75024

SOLE OR JOINT

Inventor (1): Jiaqi Xiao

  
(Signature in Full)

Date: Sept. 25, 2003

Citizenship: China

Post Office Address: 13106 Brayton Ct., Houston, Texas 77065

Residence: same

1st Witness: Li Gao

(Type or Print)

  
(Signature)

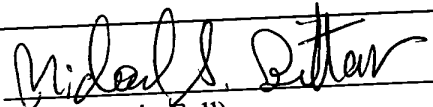
2nd Witness: \_\_\_\_\_

(Type or Print)

(Signature)

SOLE OR JOINT

Inventor (2): Michael S. Bittar

  
(Signature in Full)

Date: Sept 25, 2003

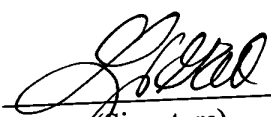
Citizenship: United States

Post Office Address: 8711 Wheatland Dr., Houston, Texas 77064

Residence: same

1st Witness: Li Gao

(Type or Print)

  
(Signature)

2nd Witness: \_\_\_\_\_

(Type or Print)

(Signature)